TENTATIVE AGENDA

AMCBT MEETING

September 22-24, 1988
Beloit College
Beloit, Wisconsin 53511

Thursday, September 22: Evening

6-8PM Reception
Logan Museum of Anthropology
Meet your colleagues and share refreshments. We will also offer a behind the scenes
tour of Beloit's internationally known collection. The Logan Museum of Anthropology
was begun with artifacts collected in the 1890's. The tour will be led by Henry Moy,
Director of the Beloit College Museums.

8PM Opening Speaker
Godfrey Auditorium

Friday, September 23: Morning Sessions

8:30-9:15 Concurrent Sessions Various Locations

Tackling the Literature of Science
Mathers Room A
Sister Renee Costanzo
Cardinal Stritch College

An overview of a progressive plan to introduce biology majors to scientific literature in a small liberal
arts college.

Clarence Darrow and Critical Thinking
Laddie J. Bicak
Mathers Room B

To biologists, the name Clarence Darrow and "the Dayton Case," or Scopes trial, are nearly
synonymous. As pertinent as this case is to the teaching of biology, the work of Mr. Darrow offers
other insights to critical thinking.

From Forest to Home
Bill Brett
Weeks Lounge
Indiana State University

A curriculum designed to get students to appreciate the amount of forest required to build a home and
heat it with wood and the ramifications of these requirements when extended to the U.S. population.
Video Microscopy
Dale Fast
St. Xavier College

We would like to provide a sharing session here so that we may all benefit from your success and not-so-success with this technique. If you would like to share your materials please contact Dale Fast at St. Xavier College, Chicago, Ill. 60655

10:15-11:00 Concurrent Sessions Various Rooms

Galapagos Islands
Sister Marion Johnson
St. Xavier College

Slides and narration/discussion on her recent trip.

Sound Computerized Instruction
John P. Messick
Missouri Southern State College

Mathers Room A

Where Should We go In Teacher Education?: Panel Discussion
Ann Larson, Moderator
Sangamon State University

Weeks Lounge

Teaching Writing to Undergraduates: Panel Discussion
R. L. Wallace
Ripon College

Chamberlain 400

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**Friday, September 23: Afternoon**

Participants will be given a choice between concurrent workshops and fieldtrips.

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**Field Trips**

Prairie Trip
Dr. Dick Newsome
Beloit College, Dept. of Biology

Newark Prairie

We will visit one of the remnant prairies in the Beloit region to view variations in species compositions and to discuss controlling factors, ecological research, management problems and conservation issues.

Area Food Processing
Dr. Roc Ordman
Beloit College, Dept. of Chemistry

Monroe and Beloit, WI

We will visit several of the area food processing plants, examining both their processing areas and research laboratories.
Canoe Trip
Dr. Dick Stenstrom
Beloit College, Dept. of Geology

A canoe trip down one of the small rivers between Brodhead and Monroe.

Fossil Hunting Trip
Carl Mendelson
Beloit College, Dept. of Geology

Several back road quarries waiting to show their treasures to you!

WORKSHOPS

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<th>Time</th>
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<th>Location</th>
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<tr>
<td>1:15 - 2:45</td>
<td>Concept Mapping: Lecture</td>
<td>Various Rooms</td>
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<tr>
<td></td>
<td><strong>Concept Mapping A Strategy For Teaching and Learning</strong></td>
<td>Mathers Room A</td>
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<td>Laine Gurley-Dilger</td>
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<td>Rolling Meadows High School, Il</td>
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<td>2:45 - 3:45</td>
<td>Concept Mapping: Computers</td>
<td>Various Rooms</td>
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<td><strong>Computer Remediation for Concept: Map Instruction</strong></td>
<td>Computer Lab</td>
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<td>Rolling Meadows High School, Il</td>
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<td>2:00 - 5:30</td>
<td>Concurrent Sessions</td>
<td>Various Rooms</td>
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<td><strong>Respiratory Assessment Labs</strong></td>
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<td>Harold L. Wilkinson</td>
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<td>Millikin University</td>
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<td></td>
<td><strong>Techniques and Application of Radioisotope Tagging and Audioradiography</strong></td>
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<td>Albert R. Gordon</td>
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<td>Southwest Missouri State U.</td>
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FRIDAY, SEPTEMBER 23:

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<tr>
<td>6 - 8 pm</td>
<td>Reception</td>
<td>Pearsons Hall</td>
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<td>8 pm</td>
<td>Dinner and Main Speaker</td>
<td>Pearsons Hall</td>
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Dr. Jim Stewart
Science Education, UW Madison

Jim is the recipient of the Science Education paper of the year which he received at the most recent NSTA meeting. He will speak on aspects of current science educational research about problem solving, conceptual change in students, and students' alternative conceptions.
Saturday, September 24: Morning Sessions

9:00 - 9:45 Concurrent Sessions Various Rooms

You Can Make SENSE TOO! Mathers Room A
C. Robert Wikel, Doane College
Richard Wilson, Rockhurst College

Will share their experiences with some sensible, working programs and services for area in-field teachers.

Teaching Evolutionary Biology to Non-Majors: Panel Discussion Mathers Room B
Malcom P. Levin, Moderator
Sangamon State University

Student Biology Organizations: Panel Discussion Weeks Lounge
Jerry Foote, Moderator
University of WI, Eau Claire

Neuroscience Activities Chamberlain 400
Kathleen Parson
Macalester College

10:00 - 10:45 Concurrent Sessions Various Rooms

Tackling Student Attitudes in the Sciences Mathers Room A
Alfred Pogge
Quincy College

Student Research and Funding Opportunities Mathers Room B
Bill Doemel
Ann Doemel
Wabash College

The Biology of AIDS Weeks Lounge
Susan Speece
Anderson College

Special Notes

There will also be special interest tables at meals for subject area groups to meet.

Transportation is easy to Beloit by Interstate and there is convenient transportation to and from O'Hare airport about 9 round trips a day.